

Dr. Carlo Morasso is senior scientist at the Laboratory on Nanomedicine and Clinical Biohotonics (LABION) of the IRCCS Fondazione Don Carlo Gnocchi (Milan, Italy).

Dr. Morasso received a PhD in medicinal chemistry at the University of Milan in 2008 working at the development of new sensing approaches based on the scattering of light. After the PhD, he moved to the London Centre for Nanotechnology (University College London) working under the supervision of Prof Rachel McKendry on micro-cantilever sensors and on surface plasmon resonance. The main focus of his work during this period was the development of a multi-marker assay for the detection of HIV infection. Since 2011, Carlo joined LABION where he contribute to the set up the newly established laboratory. His main research interests is focused on the use of plasmonic nanoparticles, nanostructured materials and modern spectroscopies such as Raman and Surface Plasmon Resonance, for the implementation of new diagnostic tools cancer and neurological diseases.

During the period at LABION Dr. Morasso contributed to win more than 1 million € in competitive grants and has been project coordinator of a previous ENM-II project named INNASERSS involving four partner form three different countries (IT, FR, UK).

He is author of several peer reviewed scientific papers and book chapters and of many talks in national and international meetings. He is a member of the Royal Society of Chemistry and of SPIE the international society for optics and photonics.